

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/09222

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F23R3/28 F23R3/14 F23D14/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F23R F23D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 870 989 A (EUROP GAS TURBINES LTD) 14 October 1998 (1998-10-14) column 3, line 2 - line 40 column 4, line 46 - column 5, line 13; figure 5	1,5,10, 11,13-16
X	EP 1 207 350 A (ALSTOM POWER N V) 22 May 2002 (2002-05-22) column 3, line 13 - line 51; figure 1	1,3,5, 10,11, 13,14
X	DE 199 48 673 A (ASEA BROWN BOVERI) 12 April 2001 (2001-04-12) page 3, line 54 - page 5, line 14; figures 1-3	1-3,5,6, 8,10-14
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

11 November 2004

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24.11.2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 672 865 A (GEN ELECTRIC) 20 September 1995 (1995-09-20) column 2, line 3 - line 32 column 4, line 4 - column 5, line 37; figure 1	1,3-7, 10-14
X	US 6 092 363 A (RYAN WILLIAM RICHARD) 25 July 2000 (2000-07-25) column 2, line 15 - column 3, line 5; figure 1	1,3,4, 11,13
X	US 5 511 375 A (EKSTEDT EDWARD E ET AL) 30 April 1996 (1996-04-30) column 3, line 32 - column 6, line 41; figures 1-3	1-3,5-8, 10,11, 13,14
X	EP 0 902 237 A (MITSUBISHI HEAVY IND LTD) 17 March 1999 (1999-03-17) column 1, line 13 - column 3, line 29; figures 1-5	2,6-8, 10-14,18
A	DE 196 40 818 A (SIEMENS AG) 9 April 1998 (1998-04-09) the whole document	1
A	WO 02/052201 A (PASCHEREIT CHRISTIAN OLIVER ;STOLL PETER (CH); DORNBERGER ROLF (CH) 4 July 2002 (2002-07-04) the whole document	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/09222

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0870989	A	14-10-1998	GB 2324147 A DE 69825804 D1 EP 0870989 A2 US 6216466 B1	14-10-1998 30-09-2004 14-10-1998 17-04-2001
EP 1207350	A	22-05-2002	DE 10056243 A1 EP 1207350 A2 JP 2002162037 A US 2003093997 A1	23-05-2002 22-05-2002 07-06-2002 22-05-2003
DE 19948673	A	12-04-2001	DE 19948673 A1	12-04-2001
EP 0672865	A	20-09-1995	US 5435126 A CA 2143232 A1 DE 69523082 D1 DE 69523082 T2 EP 0672865 A2 JP 8021627 A	25-07-1995 15-09-1995 15-11-2001 06-06-2002 20-09-1995 23-01-1996
US 6092363	A	25-07-2000	NONE	
US 5511375	A	30-04-1996	CA 2155374 A1 DE 19533055 A1 FR 2724447 A1 GB 2293001 A ,B	13-03-1996 14-03-1996 15-03-1996 13-03-1996
EP 0902237	A	17-03-1999	JP 11083016 A CA 2246219 A1 DE 69820183 D1 DE 69820183 T2 EP 0902237 A2 US 2001023590 A1	26-03-1999 10-03-1999 15-01-2004 26-08-2004 17-03-1999 27-09-2001
DE 19640818	A	09-04-1998	DE 19640818 A1 WO 9811383 A2 DE 59701235 D1 EP 0925470 A2 JP 2002513458 T RU 2190804 C2 US 6152724 A	09-04-1998 19-03-1998 13-04-2000 30-06-1999 08-05-2002 10-10-2002 28-11-2000
WO 02052201	A	04-07-2002	DE 10064893 A1 WO 02052201 A1	14-11-2002 04-07-2002